

IN THE CLAIMS:

1. (Currently Amended) A method of communicating between a drilling rig and at least one off-site location, the method comprising:

providing a portable data communications module to a person at the drilling rig;
establishing an at least two-way data communication connection between the portable data communications module and the at least one off-site location via the Internet; and

~~remotely~~ monitoring drilling activities at the drilling rig via the portable communications module and the at least two-way data communication connection by a person at the off-site location.

2. (Currently Amended) The method of claim 1, further comprising ~~remotely~~ directing the activities at the ~~on-site location~~ drilling rig via the portable communications module and the at least two-way data communication connection by the off-site person.

3. (Currently Amended) The method of claim 1, further comprising determining positional information of ~~at least one~~ the person or an object at the drilling rig from the ~~on-site location~~ and monitoring the positional information at the off-site location from the off-site location.

4. (Currently Amended) The method of claim 1, wherein the activities ~~include~~ comprise the sensing of conditions within a wellbore.

5. (Currently Amended) The method of claim 1, ~~wherein the activities include activities recordable and usable to form a basis for billing~~ further comprising recording and billing the activities.

6. (Currently Amended) The method of claim 1, wherein the activities ~~include~~ comprise ~~technical activities from the list of equipment operation, diagnostics, or identification.~~

7. (Currently Amended) The method of claim 3, wherein ~~monitoring relates to the activities comprise~~ fishing activities.
8. (Currently Amended) The method of claim 7, wherein monitoring the fishing activities ~~relate to~~ comprises monitoring data transmitted ~~to the off-site location~~ from at least one sensor located in a wellbore.
9. (Original) The method of claim 8, wherein the sensor in the wellbore gathers information related to the condition of a string of tubulars in the wellbore.
10. (Currently Amended) The method of claim 1, wherein the method further comprises providing ~~an on-site~~ a computer at the drilling rig, wherein the at least two-way data communication connection is established through the ~~on-site~~ computer.
11. (Original) The method of claim 3, wherein the positional information is determined by GPS equipment.
12. (Currently Amended) The method of claim 11, wherein ~~the further comprising comparing a~~ GPS signal is compared to a database to automatically identify ~~the a~~ source of the data transmission.
13. (Previously Presented) The method of claim 1, wherein said portable communications module automatically utilizes the communication connection to transmit data including status, usage, and location to a rental center according to a predetermined schedule.
14. (Currently Amended) The method of claim 1, wherein the portable communications module is configured to be worn by, or attached to, ~~[[a]] the person at the on-site location~~ drilling rig.

PATENT
Atty. Dkt. No. WEAT/0042

15. (Currently Amended) The method of claim 14, wherein the portable communications module is configured to be detachably attached to a hardhat that is worn by ~~an on-site~~ the person at the drilling rig.
16. (Currently Amended) The method of claim 1, wherein the activities include ~~comprise the measurement~~ measuring lengths of pieces of tubulars to ~~determine their~~ length utilizing the communications ~~attachment~~ module.
17. (Currently Amended) The method of claim 16, wherein the activities further include ~~comprise the automatic recordal~~ recording of the length of pieces of tubular prior to insertion of the pieces of tubular into a wellbore.
18. (Currently Amended) The method of claim 1, wherein activities ~~relate to the~~ comprise measuring measurement of torque developed between adjacent pieces of tubular being assembled together ~~utilizing the communications attachment~~.
19. (Canceled)
20. (Currently Amended) The method of claim 15, wherein the portable communications module is provided on a hardhat and wherein ~~[[a]]~~ log-on data facilitates an automatic recordal for billing of the time that the hardhat is used.
21. (Currently Amended) The method of claim 1, wherein the ~~on-site~~ person at the drilling rig can manually position the communications module.
22. (Previously Presented) The method of claim 1, wherein the communications module comprises an external camera.
23. (Previously Presented) The method of claim 1, wherein the communications module comprises a hard hat and a global positioning component physically connected to the hard hat.

24. (Previously Presented) The method of claim 1, wherein the communications module comprises a hard hat having a "flip down" screen for visual display of data.

25. (Currently Amended) The method of claim 1, wherein the communications module comprises a hard hat and ~~an on-site~~ a computer.

26. (Currently Amended) The method of claim 25, wherein the ~~on-site~~ computer can be interrogated ~~by off-site personnel authorized by the off-site person~~ to review data related to current and past operations.

27. (Previously Presented) An apparatus comprising:
a hard hat;
a portable communications attachment attached to the hardhat, the portable communications attachment comprising:
a transceiver,
a video display, and
an external camera.

28. (Original) The apparatus of claim 27, wherein the communications attachment further comprises a parameter measuring device.

29. (Previously Presented) The apparatus of claim 30, wherein the communication system further comprises an on-site computer that generates data or information to the off-site service computer.

30. (Currently Amended) The apparatus of claim 27, wherein the hardhat is at an on-site location and further comprising a service computer located ~~distally from the hard hat at an off-site location~~; and a communication system between the communications attachment and the off-site service computer.

31. (Previously Presented) The apparatus of claim 30, wherein the communication system is capable of video transmission, audio transmission, still image transmission, and data transmission.
32. (Previously Presented) The apparatus of claim 27, wherein the communications attachment further comprises a keypad.
33. (Previously Presented) The apparatus of claim 27, wherein communications attachment further comprises a microphone and a speaker.
34. (Previously Presented) The apparatus of claim 27, wherein communications attachment further comprises a barcode reader.
35. (Previously Presented) The apparatus of claim 27, wherein communications attachment further comprises GPS system.
36. (Currently Amended) The apparatus of claim 30, further comprising a database for storing information, ~~wherein the information may be collected real time at point of service delivery and stored in the database.~~
37. (Previously Presented) The apparatus of claim 30, wherein the communication system comprises the Internet.
38. (Previously Presented) The apparatus of claim 30, wherein the communication system comprises a local link connecting the communications attachment to the remainder of the communication system.
39. (Previously Presented) The apparatus of claim 30, wherein the communication system comprises a satellite-based portion.

40. (Previously Presented) The apparatus of claim 30, wherein the communication system comprises a land-based portion.

41. (Previously Presented) The apparatus of claim 30, further comprising a data acquisition and control unit to input information sensed from a process.

42. (Previously Presented) A method of accessing and utilizing an off-site service person from an on-site location, comprising:

providing a communications module having an external camera to an on-site person;

establishing communications between the on-site person and off-site service person;

communicating one or more procedures from the off-site service person to the on-site person, wherein at least one of the one or more procedures is displayed by the communications module; and

communicating information in response to the one or more procedures from the on-site person to the off-site service person.

43. (Currently Amended) The method of claim 42, further comprising tracking on line time that the on-site personnel spends communicating with the off-site service personnel person.

44. (Previously Presented) The method of claim 42, further comprising storing the communicated information in a database.

45. (Previously Presented) The method of claim 42, further comprising remotely directing activity at the on-site location by the service person.

46.-48. (Canceled)

49. (Previously Presented) The system of claim 42, wherein at least a portion of the communications are established via the Internet.

50. (Currently Amended) The method of claim [[1]] 2, further comprising communicating information relating to the drilling activities from the ~~well-site~~ drilling rig to ~~a service person located~~ the off-site person in response to instructions received from the off-site ~~service~~ person.

51.—54. (Canceled)

55. (Currently Amended) The method of claim 50, further comprising recording usage data regarding the communications ~~device~~ module.

56-68. (Canceled)

69. (Currently Amended) The method of claim 1, further comprising determining whether there is a request to establish a connection with ~~an~~ the off-site ~~service~~ person located at a specific off-site ~~service~~ computer.

70. (Currently Amended) The method of claim 69, further comprising determining [[a]] the specific off-site ~~service~~ computer ~~communications~~ to establish the connection with.

71. (Previously Presented) The method of claim 70, further comprising receiving positional information of the communications module.

72. (Currently Amended) The method of claim 71, wherein ~~remotely~~ monitoring the drilling activities comprises transferring input information from the communications module to the off-site location.

73. (Currently Amended) The method of claim 72, wherein ~~remotely~~ monitoring the drilling activities further comprises transferring instruction information from the off-site location to the communications module.

74. (Currently Amended) The method of claim 73, wherein ~~remotely~~ monitoring the drilling activities further comprises following an operation, by the person at the drilling rig, indicated by the instruction information to obtain result information.

75. (Currently Amended) The method of claim 74, wherein ~~remotely~~ monitoring the drilling activities further comprises transferring the result information from the communications module to the off-site location.

76. (Currently Amended) The method of claim 75, wherein ~~remotely~~ monitoring the drilling activities further comprises analyzing the result information at the off-site location to make a determination.

77. (Currently Amended) The method of claim 76, wherein ~~remotely~~ monitoring the drilling activities further comprises transferring the determination from the off-site location to the communications module.

78. (New) The method of claim 1, further comprising drilling a wellbore to an oil and/or gas bearing formation.

79. (New) The method of claim 1, wherein the connection is real time.

80. (New) The method of claim 1, further comprising communicating one or more procedures from the off-site person to the person at the drilling rig.

81. (New) The method of claim 80, wherein the one or more procedures comprise an assembly drawing, a picture of a part, a video of an installation procedure, or a training session.

82. (New) The method of claim 80, wherein the one or more procedures comprise a schematic drawing of a part or machine, critical dimensions of a part or machine, or checklist or video clip showing how to use a part or machine.
83. (New) The method of claim 82, wherein the part or machine is a tong.
84. (New) The method of claim 82, wherein the part or machine is fishing equipment.
85. (New) The method of claim 82, wherein the part or machine is a parameter measuring device.
86. (New) The method of claim 80, further comprising the person at the drilling rig performing a task using the one or more procedures.
87. (New) The method of claim 42, wherein the communications module is portable.
88. (New) The method of claim 42, wherein the on-site person wears the communications module or the communications module is attached to the on-site person.
89. (New) The method of claim 42, wherein the one or more procedures comprise an assembly drawing, a picture of a part, a video of an installation procedure, or a training session.
90. (New) The method of claim 42, wherein the one or more procedures comprise a schematic drawing of a part or machine, critical dimensions of a part or machine, or checklist or video clip showing how to use a part or machine.